Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 15 Jul 2023 until 23:59 on Sunday 16 Jul 2023

Forecast Issued on Saturday 15 Jul 2023 at 04:45

Confidence: High for a continuation of the unsettled theme including unseasonably windy conditions Friday and for blustery showers this weekend. Lower confidence in the details surrounding a weather system arriving on Tuesday.

Headline for Saturday 15 Jul 2023: Frequent heavy showers and thunderstorms with hail. Strong and gusty winds.

Mountain weather hazards on Saturday 15 Jul 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers	Heavy rain showers	Thundery showers	Thundery showers	Heavy Rain	Heavy Rain
Precipitation probability					
40%	60%	70%	80%	80%	60%

Forecast for Saturday 15 Jul 2023

Weather: Showers, these often heavy and blustery showers with a risk of hail and thunder. Showers may merge to give longer spells of rain at times, particularly this afternoon with more general rain arriving this evening. Some limited bright or sunny intervals this morning, then cloudier this afternoon and evening. Strong southwesterly winds with a risk of gales across higher peaks.

Chance of cloud-free hill tops above 600m: 70%, then decreasing this afternoon to 30% in the west in association with prolonged heavy rainfall.

Low Cloud and visibility: Scattered cloud amounts, becoming broken with showers. Bases lowering to around 500-600m, shrouding higher slopes for periods of around an hour at a time with the showers and more generally with the rain later. Where showers merge higher routes may be obscured for several hours. Visibility good, but with frequent deterioration to moderate or poor in heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 15 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 S	23/31 S	21/31 SW	24/33 SW	25/34 SW	24/34 SW	23/33 W
300	11/23 S	16/29 S	14/28 S	15/31 S	16/33 SW	15/31 SW	16/32 W
Valley	10/24 S	12/24 S	14/29 S	14/30 S	15/32 SW	14/30 SW	12/27 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	12/8	11/7	11/7	11/7	10/6
300	13/11	14/12	14/12	14/11	13/10	13/10	12/10
Valley	15/13	16/14	17/14	14/12	14/12	14/12	13/11
Freezing Level*	2400m	2200m	2100m	2300m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Unseasonably wet and windy conditions with strong and gusty winds and a risk of thunderstorms. Water courses may suddenly become swollen and surfaces slippery.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 15 Jul 2023	8.8mm	8.8mm	18.8mm

Forecast for Sunday 16 Jul 2023

Weather: Rain, mostly light, gradually fades away overnight. Then cloudy and dry for a while before brighter conditions break through and isolated heavy showers break out from mid-morning, becoming more frequent through the afternoon, especially across western areas. Some thundery downpours with hail possible. Showers largely fading through the evening, with clear spells overnight

Maximum wind: West or southwest 30-35 gusting 50-55mph, easing 20 gusting 30-35 mph by late evening.

Chance of cloud-free hill tops above 600m: 30% across western parts initially, then increasing 70%. Elsewhere above 90%.

Low Cloud and visibility: Low cloud with bases of 300-500m may affect western ranges in the morning, lifting clear of summits by the afternoon. Cloud bases otherwise expected to remain above summits, although lowering to around 600m in heavy showers. Visibility poor in early rain and in heaviest showers, good otherwise.

Temperature: **Valleys:** 12 Celsius increasing 17 Celsius
At 600m: 9 Celsius increasing 11 Celsius,
Freezing level: Well above summits.

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